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BY:

Alfred Cent

Date:

February 15, 2005

MAIL STOP AMENDMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:
Yoshiaki Tanaka

Conf. No.: 7840

: Group Art Unit: 2835

Appln. No.: 10/656,561

: Examiner: Anatoly Vortman

Filing Date: September 4, 2003

: Attorney Docket No.: 10844-32US
: (203058(C-2))

Title: Alloy Type Thermal Fuse and Material for a Thermal Fuse Element

RESPONSE TO ELECTION OF SPECIES REQUIREMENT

This is in response to the Office Action (Election of Species Requirement) dated January 18, 2005 (Paper No. 0105). This response is being timely submitted by February 18, 2005.

REMARKS

Election of Species Requirement

In the Office Action, the Examiner states that the invention includes different patentably distinct species, namely:

Specie I (claims 1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81, 85, 89, 93 and 97), directed to an alloy thermal fuse having a fuse element and a material for the fuse element having an Sn-Bi-In alloy composition containing 20-50% In;

Specie II (claims 1, 3, 5, 7, 11, 15, 19, 23, 27, 31, 35, 39, 43, 47, 51, 55, 59, 63, 67, 71, 75, 79, 83, 87, 91, 95, and 99), directed to an alloy thermal fuse having a fuse element and a material for the fuse element having an Sn-Bi-In alloy composition containing 20-50% In and 0.1 to 3.5 weight percent of one or more of Ag, Au, Cu, Ni, Pd, Pt, Sb, Ga, and Ge;